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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/811,345	03/16/2001	Kirthiga Reddy	499.058US1	7782

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SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402

EXAMINER

INGBERG, TODD D

ART UNIT	PAPER NUMBER
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2124

DATE MAILED: 06/07/2004

5

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/811,345

Applicant(s)

REDDY ET AL.

Examiner

Todd Ingberg

Art Unit

2124

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 27 November 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-60 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-60 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 27 November 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. §§ 119 and 120

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 13) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
a) ☐ The translation of the foreign language provisional application has been received.
- 14) ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) 5) ☐ Notice of Informal Patent Application (PTO-152)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____ 6) ☐ Other: _____

DETAILED ACTION

Claims 1 – 60 have been examined.

Drawings

1. The drawings were received on November 27, 2001. These drawings are accepted by the Examiner.

2. Figures 1 and 2 should be designated by a legend such as --Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance. Neither of the figures show the invention in the figure. Both show configuration that are well known and can be used with the invention. Neither show an aspect of the invention and must be labeled PRIOR ART.

Priority

3. Applicant's claim for domestic priority under 35 U.S.C. 119(e) is acknowledged but denied. However, the provisional application 60/189,863 upon which priority is claimed fails to provide adequate support under 35 U.S.C. 112 for claims 1 - 60 of this application. The Provisional Application has a large Appendix (1,100 pages) made up mostly of documents dated well before the applicant's filing date and does not able to support patentability. The Specification of the Provisional provides a high level overview of an invention. The claims are for an API not the toolkit presently claimed in this application. Also, the Assignee (Silicon Graphics) will loss company confidential status on documents in the Provisional in the event the US cases is allowed. This latter point is a formality and is not a consideration for determining patentability. **Effective filing date for application 09/811,345 is March 16, 2001.**

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Admitted Prior Art

4.	Appendix	Title	Pages	Date
A.		Introduction to the Cluster Configuration Database	1 – 12	2/3/1998
B.		Cluster Administration Interface Model	1 – 4	4/22/1998
C.		Cluster Administration Services Basic Services	1 – 14	5/28/1990
D.		Cluster Administration Services Messaging	1 – 22	6/6/1998
E.		Cluster Administration Services Plug-ins	1 – 23	5/28/1998
F.		Cluster Configuration Database: Back End Interface	1 – 20	2/2/1998
G.		Chaos Membership Services	1 – 29	3/27/2997
H.		Group Membership Services	1 – 36	5/15/1998
I.		System Resource Manager	1 – 14	1997
J.		Putty 8045	P1 - P66	1/7/1999
K.		Details of the Rhino Infrastructure	Cl - C376	PRINTOUT DATE
		Appendix K may not be Admitted Prior Art		
L.		VERITAS Volume Manager – Administrator's Reference Guide Release 3.0	1 – 198	1/1999
M.		VERITAS Volume Manager - Command Line Interface Administrator's Guide Release 3.0	1 – 148	2/1999
N.		VERITAS Volume Manager - Getting Started Guide Release 3.0	1 – 72	1/1999

Requirement For Information (Rule 105) - 37 USC § 1.105

5. Applicant, Assignee and Applicant's Representative if in possession of material meeting the scope of the RFI are required under 37 CFR 1.105 to provide the following that the Examiner has determined is reasonably necessary to the examination of this application.

6. Appendix K is a print out of the Rhino Library Reference. Although the print date is 2000 it is not clear the date the Appendix was actually made. In the event, a beta release was made of this library termed "Details of Rhino Infrastructure" 376 pages. The "***date of first on sale***" OR "***date of first use***" and an accurate disclosure of the library at the time of first use is the scope of the RFI. If the information is not requested is not available a statement indicating the information is not available is required.

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7. The Examiner has attempted to locate a copy of Rhino on the WWW. The Examiner is requesting a copy of the Rhino Library with the “*date of first on sale*” OR the “*date of first use*” and an *accurate disclosure of the library as per that date*.

This requirement is made with the intent to assist in the prosecution of this case. The Examiner feels the scope of this requirement is narrow and should be well within the abilities of the concerned parties to provide this information.

The information is required to identify Rhino (Prior Art ?) as disclosed in the Appendix K from the disclosed invention. Where applicant does not have or cannot have readily obtained items of required information, a statement that the item is unknown or cannot be readily obtained will be accepted as a complete response to the requirement for that item.

The fee and certification requirements of 37 § C.F.R. 1.97 are waived for those documents submitted in reply to this requirement. This waiver extends only to those documents within the scope of this requirement under 37 § C.F.R. 1.105 that are included in the applicant's first complete communication responding to this requirement. Any supplemental replies subsequent to the first communications responding to this requirement and any information disclosures beyond the scope of this requirement under 37 § C.F.R. 1.105 are subject to the fee and certification requirement of 37 § C.F.R. 1.97

This requirement is subject to the provisions of 37 C.F.R. 1.134, 1.135 and 1.136 and has a shortened statutory period of 2 months. EXTENSIONS OF THIS TIME PERIOD MAY BE GRANTED UNDER 37 CFR 1.136(a).

Inventorship

8. A question of Inventorship is raised. If the Rhino project is part of the claimed invention and the RPM of Group User Interface/X (see PTO-892) represents a list of Companies working on the Rhino project a statement that the claimed invention is related to only work by the named inventors will overcome the question for the record.

Claim Rejections - 35 USC § 103

9. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

10. Claims 1 – 60 are rejected under 35 U.S.C. 103(a) as being unpatentable over “Network Associates Delivers **Magic** Total Services Desk – First 100 Percent Browser-Based Support Application to Offer Drag-and-Drop Customization”, March 29, 1999 PR Newswire in view of Template Software’s product line.

The **Template** product line contains:

The SNAP programming language (Not used in this Office Action)

The Workflow Template (Two manuals used)

The Web Component (Not used in this Office Action)

These three layered products work together.

The documentation sets for the products contains the following manuals.

SNAP released June 1997

SNAP Language Reference (Not used in this Office Action)

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Using the SNAP Language (Not used in this Office Action)

Using the SNAP Communication Component (Referred to as **COM** - portion)

Using the SNAP Graphic User Interface Component (Not used in this Office Action)

Getting Started with SNAP (Not used in this Office Action)

Using the SNAP Display Editors (Not used in this Office Action)

SNAP Class Library Reference (Not used in this Office Action)

Using the SNAP External Application Software Component (Not used in this Office Action)

Using the SNAP Development Environment (Not used in this Office Action)

SNAP Module Library Reference (Not used in this Office Action)

Using the SNAP Permanent Storage Component (Not used in this Office Action)

Workflow released September 1997

Developing a WFT Workflow System (Referred to as **WFT**)

Using the WFT Development Environment (Referred to as **Using**)

WFT Library Reference (Not used in this Office Action)

Web Component

Using the Web Component (Not used in this Office Action)

Since, these products work together they constitute a single reference and can be used as the basis for a rejection based on anticipated by a product offering. Furthermore, with the 1997 press release announcing version 8.0 these considered prior art under *In re Epstein* 31 USPQ2d 1817 (decided August 17, 1994) with a 1997 release date despite the 1998 copyright date.

Claim 1

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Magic teaches a toolkit for developing user-interfaces for a system administration program (**Magic**, first page, network management tools), The Press Release for the Magic contains a high level overview of the product but does not show the details a commercial product documentation would show. It is Template's **WFT** product documentation that shows a server-side application-programming interface (API)(**WFT**, page 2-9, Workflow Server), comprising a Task-registry file (**Using**, page 6-8, Task Editor tool box), wherein the Task-registry file comprises one or more Task groups (**Using** , page 6-8, Task Editor Design Hierarchy Top Level and task groups below); and a client-side API (**WFT**, page 2-6, nodes on server to interface), comprising a product-specific properties file (**WFT**, page 2-6, Template Reusable Architecture and code), wherein the product-specific properties file is customizable by a developer and the client-side API is callable by developer-supplied code to create a graphical user interface for a specific product (**WFT**, page 2-6, Template Reusable Architecture and code – Visual Editors part of the **WFT** Development Environment and **Using** , Chapter 6 Task Editor and page 6-8 Task Editor). Therefore, it would have been obvious to one of ordinary skill in the art to combine **Magic** with **WFT** at the time of invention to provide for a customizable user interface for network management because it enables “ ... organizations to centralize around a common IT Support management application.” (**Magic** first page).

Claim 2

The toolkit of claim 1 wherein the properties file comprises a title; and a product-specific list of page links (**Using**, page 6-22, Form Editor with Tasks as per Figure 6-4).

Claim 3

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The toolkit of claim 1, wherein the client-side API creates a Task-manager window comprising: a customizable title (**Using**, page 6-22, Figure 9-9 – Figure 6-4, Approve Requisition name of task window).

Claim 4

The toolkit of claim 1, wherein the client-side API creates a Task-manager window comprising: a customizable table of contents title (**Using**, page 6-22, Figure 9-9 – Figure 6-4, *Approve Requisition* title of task window).

Claim 5

The toolkit of claim 1, wherein the client-side API creates a Task-manager window comprising: a customizable display area. (**Using**, page 6-8, Figure 6-2 and edit functions following).

Claim 6

The toolkit of claim 1, wherein the client-side API creates a Task-manager window comprising: a customizable button bar (**Using**, page 6-57, Placing pictures in Forms).

Claim 7

The toolkit of claim 1, wherein the client-side API creates a Task-manager window comprising: a display area. (**Using**, page 6-22, Figure 9-9. the center of form “Requisitionlines” is the display area).

Claim 8

The toolkit of claim 7, wherein the client-side API creates a Task-manager window comprising: one of a text page, a Task-list page, and a class page (**Using** , Chapter 6 Task Editor and page 6-8 Task Editor).

Claim 9

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The toolkit of claim 8, wherein the Task-list page comprises: a list of Tasks that are related.

(Using, page 6-8, Approve Funds and Sub tasks)

Claim 10

The toolkit of claim 9, wherein the Tasks are related by a type of object on which they operate.

As per the rejection for claim 9.

Claim 11

The toolkit of claim 1, wherein the product-specific properties file comprises a ordered set of button tags, wherein each button has a name and a target class to be launched when the button is activated. (Using , page 6-9, Associate form)

Claim 12

The toolkit of claim 1, further comprising a resource file, wherein the resource file is customizable by the developer. (Using , page 6-12, build tasks and page 2-38 files and WFT, page 2-16 files).

Claim 13

The toolkit of claim 12, wherein the developer-supplied code uses the server-side API to create an Item, wherein the Item represents a system entity to be administered. (Using , page 3-18, work items).

Claim 14

The toolkit of claim 12, wherein the client-side API and the resource file can be used by the developer-supplied code to create an ItemView (COM, page 2-6 IPC).

Claim 15

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The toolkit of claim 12, wherein the server-side API can be used by the developer-supplied code to create a Category(**COM**, page 2-6 IPC), wherein the Category represents a collection of monitored Items of a specific type (**WFT**, page 9-15, figure 9-4, monitoring by type as indicated by ID).

Claim 16

The toolkit of claim 12, wherein the client-side API and resource file can be used by the developer-supplied code to create a CategoryView (**COM**, page 2-6 IPC).

Claim 17

The toolkit of claim 12, wherein the client-side API and resource file can be used by the developer-supplied code to create a TreeView (**COM**, page 2-6 IPC).

Claim 18

The toolkit of claim 12, wherein the client-side API and resource file can be used by the developer-supplied code to create a Task.(**COM**, page 2-6 IPC).

Claim 19

The toolkit of claim 12, wherein the client-side API and resource file can be used by the developer-supplied code to create a ResultView. (**COM**, page 2-6 IPC).

Claim 20

The toolkit of claim 1, wherein the client-side API provides RichTextComponents that comprise glossary links and task launchers. (**WFT**, page 2-18)

Claim 21

The toolkit of claim 1, wherein the client-side API provides blocking dialogs. (Interpreted as the dialog run in the tasks by the Application nodes WDE window figure 3-3).

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Claim 22

The toolkit of claim 14, wherein the ItemView is launched from a ResultView. (Using, the item being launched from the Application nodes in the WDE window figure 3-3).

Claim 23

The toolkit of claim 22, wherein the ResultView displays an affected Item's name. (Using, the item name change from one Application nodes in to another the WDE window figure 3-3).

Claim 24

The toolkit of claim 23, wherein the name is updated when the Item changes. As per claim 23.

Claim 25

The toolkit of claim 15, wherein the client-side API provides an Item Table, wherein the Item Table displays all Items in the Category in table form. (Using page 4-8, under WFT Work Item)

Claim 26

The toolkit of claim 1, wherein the client-side API provides an ItemFinder, wherein the ItemFinder populates itself with names of Items in a Category. (Interpreted as instantiating a work item the WDE window figure 3-3).

Claim 27

The toolkit of claim 1, wherein the client-side API renders icons dynamically from a vector-based icon description. (Using, page 3-12)

Claim 28

The toolkit of claim 17, wherein the TreeView displays a hierarchical view of Items in cascading Categories. (Using page 4-8, under WFT Work Item).

Claim 29

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The toolkit of claim 1, wherein the client-side API provides icons that blink to reflect the state of an object. (WDT page 9-21), shows the state of the Work-Item (an object in the object oriented product) but does not explicitly teach the state as blinking. Official Notice is taken that the use of visual indicators such as setting the display attribute blinking on is old and well known to one of ordinary skill in the art at the time of invention. Therefore, it would have been obvious to alter the Template's display by setting the blinking attribute to make an object state blink in a display is obvious because it makes the display more understandable.

Claim 30

The toolkit of claim 1, wherein the client-side API provides a splash screen, wherein the splash screen is displayed after an application is executed and before the application window is ready. Official Notice is taken that the use of splash screens is old and well known and would have been well known to one of ordinary skill in the art at the time of invention, because visual feedback that a process has ended makes tools more comprehensible.

Claim 31

Magic teaches a signal-bearing media for developing user-interfaces for a system administration program(**Magic**, first page, network management tools), wherein the signal-bearing media comprises The Press Release for the Magic contains a high level overview of the product but does not show the details a commercial product documentation would show. It is Template's **WFT** product documentation that shows instructions and data, which when read and executed by a computer comprise: a server-side application-programming interface (API) (**WFT**, page 2-9, Workflow Server), comprising a Taskregistry file(**Using** , page 6-8, Task Editor Design Hierarchy Top Level and task groups below), wherein the Task-registry file comprises one or

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more Task groups (**Using**, page 6-8, Task Editor Design Hierarchy Top Level and task groups below); and a client-side API (**WFT**, page 2-6, nodes on server to interface), comprising a product-specific properties file (**WFT**, page 2-6, Template Reusable Architecture and code), wherein the product-specific properties file is customizable by a developer and the clientside API is callable by developer-supplied code to create a graphical user interface for a specific product (**WFT**, page 2-6, Template Reusable Architecture and code – Visual Editors part of the WFT Development Environment and **Using**, Chapter 6 Task Editor and page 6-8 Task Editor). Therefore, it would have been obvious to one of ordinary skill in the art to combine **Magic** with **WFT** at the time of invention to provide for a customizable user interface for network management because it enables “... organizations to centralize around a common IT Support management application.” (Magic first page).

Claim 32

The signal-bearing media of claim 31, wherein the properties file comprises a title; and a product-specific list of page links. As per the rejection for claim 2.

Claim 33

The signal-bearing media of claim 31, wherein the client-side API creates a Taskmanager window comprising: a customizable title. As per the rejection for claim 3.

Claim 34

The signal-bearing media of claim 31, wherein the client-side API creates a Taskmanager window comprising: a customizable table of contents. As per the rejection for claim 4.

Claim 35

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The signal-bearing media of claim 31, wherein the client-side API creates a Taskmanager window comprising: a customizable display area. As per the rejection for claim 5.

Claim 36

The signal-bearing media of claim 31, wherein the client-side API creates a Taskmanager window comprising: a customizable button bar. As per the rejection for claim 6.

Claim 37

The signal-bearing media of claim 31, wherein the client-side API creates a Taskmanager window comprising: a display area. As per the rejection for claim 7.

Claim 38

The signal-bearing media of claim 37, wherein the display area comprises: one of a text page, a Task-list page, and a class page. As per the rejection for claim 8.

Claim 39

The signal-bearing media of claim 38, wherein the Task-list page comprises: a list of Tasks that are related. As per the rejection for claim 9.

Claim 40

The signal-bearing media of claim 39, wherein the Tasks are related by a type of object on which they operate. As per the rejection for claim 10.

Claim 41

The signal-bearing media of claim 31, wherein the product-specific properties file comprises a ordered set of button tags, wherein each button has a name and a target class to be launched when the button is activated. As per the rejection for claim 11.

Claim 42

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The signal-bearing media of claim 31, further comprising a resource file, wherein the resource file is customizable by the developer. As per the rejection for claim 12.

Claim 43

The signal-bearing media of claim 31, wherein the server-side API can be used by the developer-supplied code to create an Item, wherein the Item represents a system entity to be administered.

As per the rejection for claim 13.

Claim 44

The signal-bearing media of claim 42, wherein the client-side API and resource file can be used by the developer-supplied code to create an ItemView. As per the rejection for claim 14.

Claim 45

The signal-bearing media of claim 31, wherein the server-side API can be used by the developer-supplied code to create a Category, wherein the Category represents a collection of monitored Items of a specific type. As per the rejection for claim 15.

Claim 46

The signal-bearing media of claim 42, wherein the client-side API and resource file can be used by the developer-supplied code to create a CategoryView. As per the rejection for claim 16.

Claim 47

The signal-bearing media of claim 42, wherein the client-side API and resource file can be used by the developer-supplied code create a TreeView. As per the rejection for claim 17.

Claim 48

The signal-bearing media of claim 42, wherein the client-side API and resource file can be used by the developer-supplied code to create a Task. As per the rejection for claim 18.

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Claim 49

The signal-bearing media of claim 42, wherein the client-side API and resource file can be used by the developer-supplied code to create an ResultView. As per the rejection for claim 19.

Claim 50

The signal-bearing media of claim 31, wherein the client-side API provides RichTextComponents that comprise glossary links and task launchers. As per the rejection for claim 20.

Claim 51

The signal-bearing media of claim 31, wherein the client-side API provides blocking dialogs. As per the rejection for claim 21.

Claim 52

The signal-bearing media of claim 44, wherein the ItemView is launched from a ResultView. As per the rejection for claim 22.

Claim 53

The signal-bearing media of claim 52, wherein the ResultView displays an affected Item's name. As per the rejection for claim 23.

Claim 54

The signal-bearing media of claim 53, wherein the name is updated when the Item changes. As per the rejection for claim 24.

Claim 55

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The signal-bearing media of claim 45, wherein the client-side API provides an Item Table, As per the rejection for claim wherein the Item Table displays all Items in the Category in table form. As per the rejection for claim 25.

Claim 56

The signal-bearing media of claim 31, wherein the client-side API provides an ItemFinder, wherein the ItemFinder populates itself with names of Items in a Category. As per the rejection for claim 26.

Claim 57

The signal-bearing media of claim 31, wherein the client-side API renders icons dynamically from a vector-based icon description. As per the rejection for claim 27.

Claim 58

The signal-bearing media of claim 47, wherein the TreeView displays a hierarchical view of Items in cascading Categories. As per the rejection for claim 28.

Claim 59

The signal-bearing media of claim 31, wherein the client-side API provides icons that blink to reflect the state of an object. As per the rejection for claim 29.

Claim 60

The signal-bearing media of claim 31, wherein the client-side API provides a splash screen, wherein the splash screen is displayed after an application is executed and before the application window is ready. As per the rejection for claim 30.

Correspondence Information

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11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Todd Ingberg** whose telephone number is (703) 305-9775. The examiner can normally be reached during the following hours:

Monday	Tuesday	Wednesday	Thursday	Friday
6:15 – 1:30	6:15- 3:45	6:15 – 4:45	6:15-3:45	6:15-130

This schedule began December 1, 2003 and is subject to change.

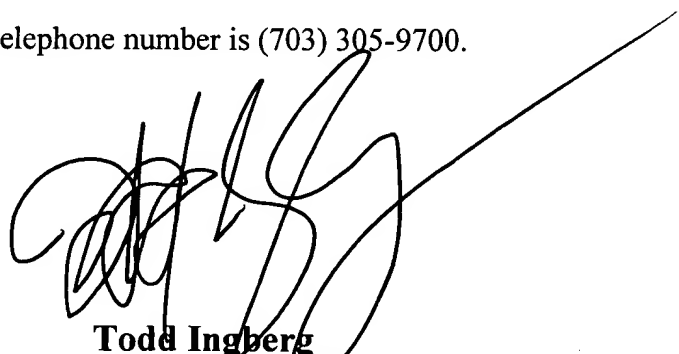
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, **Kakali Chaki** can be reached on (703) 305-9662. Please, note that as of August 4, 2003 the **FAX number** changed for the organization where this application or proceeding is assigned is **(703) 872-9306**.

Also, be advised the United States Patent Office **new address** is

Post Office Box 1450

Alexandria, Virginia 22313-1450

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9700.



Todd Ingberg
Primary Examiner
Art Unit 2124
May 31, 2004